

bionetics

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Superfund Records Center

SITE: Cranston Sanitary

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June 28, 1991

Ms. Sharon Hayes
EPA Region 1
JFK Federal Building, Room 2203
Boston, Massachusetts 02203

Dear Ms. Hayes:

Volumetric analysis of Cranston Sanitary Landfill, Cranston, Rhode Island, has estimated that approximately 978,000 cubic meters of landfill material was deposited at the landfill between May 19, 1955 and April 11, 1987. These dates correspond to aerial photography depicting the site prior to landfiling and the most recent date of aerial photography acquired for the site.

This estimate was determined by using an analytical stereoplotter to create three-dimensional models of the site for each date of aerial photography. Three-dimensional point data was collected across the surface of the landfill for both dates of photography. ARC Info computer software was used to create a digital terrain model for each date and to determine the volume of landfill material.

If you have any questions, please contact Bruce McDonald at 703-349-8975.

Sincerely,

THE BIONETICS CORPORATION

Bruce D. McDonald
Bruce D. McDonald
Imagery Analyst